

## CLAIMS

1. A method for providing improvement to a hearing aid fitting situation where the method comprises simultaneous visualizing an output of the hearing aid based on a calculated or measured input to the microphone and a calculated or measured hearing threshold of the patient.
2. A method according to claim 1, where at least two displays are provided for display of information to a patient and to a hearing professional.
3. A method according to claim 2, where a selected information is provided by the second screen for the patient, where the selected information preferably is defined by the hearing professional.
4. A system according to claim 1, 2 or 3, where the display update rate is less than 1 second, preferably more than 0,1 second and less than 0,4 second.
5. A system according to claim 1, 2, 3 or 4, where further the actual microphone input, the amplification characteristics, the simulated output, the microphone output, the UCL, the MCL or the MCR is displayed in the same X-Y display.
6. A system for performing the method according to claim 1, comprising a hearing aid and a fitting hardware comprising suitable software, where the hearing aid is corresponding with the hardware, where the hardware comprises a screen for display of data in connection with the fitting and where on the screen a display of a hearing threshold as a function of the frequency is provided, where the hearing aid provides to the hardware data relating to the actual input to the microphone of the hearing aid, where simultaneous or with a small delay these data relating to the actual input are displayed directly or in a processed form in the same display as the hearing threshold.

7. A system according to claim 6, where at least two displays are provided for display of information to a patient and to a hearing professional.
8. A system according to claim 7, adapted for displaying a selected information to the second screen for the patient, where the selected information preferably is defined by the hearing professional.
9. A system according to claim 6, 7 or 8, where the screen update rate is less than 1 second, preferably more than 0,1 second and less than 0,4 second.
10. A system according to claim 6, 7, 8 or 9, where further the actual microphone input, the amplification characteristics, the simulated output, the microphone output, the UCL, the MCL or the MCR is displayed in the same X-Y display.
11. A hearing aid fitting device comprising a fitting hardware having suitable software, where the hearing aid is adapted for being connected with the hardware, where the hardware comprises a screen for display of data in connection with the fitting and where on the screen a display of the hearing threshold as a function of the frequency is provided, where the fitting device upon receiving data from a hearing aid data relating to the actual input to the hearing aid, is adapted for displaying simultaneous or with a small delay these data relating to the actual input are displayed directly or in a processed form in the same display as the hearing threshold.
12. A fitting device according to claim 11, where at least two displays are provided for display of information to a patient and to a hearing professional.
13. A fitting device according to claim 12, which is adapted for displaying a selected information to the second screen for the patient, where the selected information preferably is defined by the hearing professional.

14. A fitting device according to claim 11, 12 or 13, where the screen update rate is less than 1 second, preferably more than 0,1 second and less than 0,4 second.
- 5 15. A fitting device according to claim 11, 12, 13 or 14, where further the actual microphone input, the amplification characteristics, the simulated output, the microphone output, the UCL, the MCL or the MCR is displayed in the same display.
- 10 16. A fitting software for a computer comprising a screen for display of data in connection with the fitting and where fitting software is adapted for providing on the screen a display of a hearing threshold as a function of the frequency is provided, where the fitting software upon receiving data from a hearing aid data relating to the actual input to the hearing aid, is adapted for providing a display simultaneous or with a small delay of these data relating to the actual input directly or in a processed form in the same display as the hearing threshold.
- 15 17. A fitting software according to claim 16, where means are provided for driving at least two displays for display of information to a patient and to a hearing professional.
- 20 18. A fitting software according to claim 17, where the software is adapted for displaying a selected information to the second screen for the patient, where the selected information preferably is defined by the hearing professional.
- 25 19. A fitting software according to claim 16, 17 or 18, where the screen update rate is more than 0,1 second and less than 0,4 second.
- 30 20. A fitting software according to any of the claim 16-19 where the software is stored on a storage medium in a computer or for use in a computer, e.g. a diskette, a CD-ROM or a Hard Disk Drive.

21. A fitting software according to any of the claims 16-20 where this is further adapted to display the actual microphone input, the amplification characteristics, the simulated output, the microphone output, the UCL, the MCL or the MCR in the same display.